

19970809.qrp v00_n813.qrs.970809

>From ???@??? Sun Aug 10 19:12:19 1997
Date: Sat, 9 Aug 1997 19:03:07 EDT
Subject: QRP-L digest 813
Message-Id: <97Aug9.190358edt.35183-61402+115@fidoi.cc.Lehigh.EDU>

QRP-L Digest 813

Topics covered in this issue include:

- 1) [24560] Companion's Progress
by tahrens1@juno.com
- 2) [24561] RE: Broadband amps
by Steven Weber <kd1jv@moose.ncia.net>
- 3) [24562] Coax Cable information
by "Ron Polityka" <wb3aal@talon.net>
- 4) [24563] QRP Clubs?
by "Brian K. Short" <shortckt@primenet.com>
- 5) [24564] Spartan Sprint
by John Watrous <jwatrous@groucho.santarosa.edu>
- 6) [24565] w1aw@arrl.org: ARLP032 Propagation de K7VVV
by n4oln@juno.com
- 7) [24566] Yaesu Solid State BoatAnchor QRP Rig
by "Brian K. Short" <shortckt@primenet.com>
- 8) [24567] Re: QRP Clubs?
by Joe Gervais <vole@primenet.com>
- 9) [24568] Re: QRP Clubs?
by "Brian K. Short" <shortckt@primenet.com>
- 10) [24569] Re: Conditions, etc.
by Joe Gervais <vole@primenet.com>
- 11) [24570] August Alaska SCRC Newsletter
by larsenn@alaska.net (Jim/Nancy/Juliann)
- 12) [24571] Germanium color code help ???
by pmk@juno.com (Patrick M Kvitkauskas)
- 13) [24572] Handbook of Simplified Solid State Circuit Design
by "J. W. Stevens" <stevensj@sound.net>
- 14) [24573] CMOS III
by Larry Trullinger <kb0emb@swbell.net>
- 15) [24574] VVC for front end?
by ka8ddz <hynde@flash.net>
- 16) [24575] Special Foxhunt
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 17) [24576] Re: In re HB pc cutting, frugal too
by "James R.Sharp" <lobar@doitnow.com>
- 18) [24577] RECHARGEABLE LITHIUM BATTERIES
by "James R.Sharp" <lobar@doitnow.com>
- 19) [24578] Re: RECHARGEABLE LITHIUM BATTERIES

- by dgf@netcom.com (David Feldman)
- 20) [24579] Re: Handbook of Simplified Solid State Circuit Design
by Chris Trask <ctrask@primenet.com>
- 21) [24580] Re: RECHARGEABLE LITHIUM BATTERIES
by ko7i@juno.com (Donald H Jones)
- 22) [24581] ARLP032 Propagation de K7VVV
by n4oln@juno.com
- 23) [24582] DX DX DX DX...
by Niels Jensen Kristjansson <nkristja@cadvision.com>
- 24) [24583] Perseid Meteor Shower / VHF Meteor Scatter
by wa5whn@juno.com
- 25) [24584] AEA keyer
by "Jim R. Hatfield" <jhatfiel@mail.orion.org>
- 26) [24585] Special Event USAF 50th Anniversary
by Bob Roach <KE4Q0K@worldnet.att.net>
- 27) [24586] 38 Special DX success!!
by doug hauff <slmachco@fix.net>
- 28) [24587] Summer Daze last week/Kuwait and Bulgaria
by "KFGlynn" <KFGlynn@prodigy.net>
- 29) [24588] Re: Commercial QRP Rig?
by K5BDZ@aol.com
- 30) [24589] SWR / Tuner
by "Thomas J. McCuen" <TMcCuen@CompuServe.COM>
- 31) [24590] TRADE> ARGO 515 > ARGO II
by Dennis Terribile <wr4i@mindspring.com>
- 32) [24591] FS: MXM 40M xvcx
by N3BJ@aol.com
- 33) [24592] Re: AEA keyer
by John Sullivan <sullivjd@sound.net>
- 34) [24593] Wanted: IC202S
by Cosmo224@aol.com
- 35) [24594] Re: Commercial QRP Rig?
by NilsBull@aol.com
- 36) [24595] Re: SWR / Tuner
by John Sullivan <sullivjd@sound.net>
- 37) [24596] NWQ Newsletter, Aug 1997, Now Online!!
by nwqrp@scn.org
- 38) [24597] Argosy For Sale or Trade
by "Kelly Ellison" <kelman@dialnet.net>
- 39) [24598] QRP+ for sale
by ROBERT PENNEYS <radio@UDel.Edu>
- 40) [24599] CMOS III - WOW
by Larry Trullinger <kb0emb@swbell.net>
- 41) [24600] Companion's Progress
by tahrens1@juno.com
- 42) [24601] FS CW Interface for PC
by Allen Jones <ajones@adsnet.com>
- 43) [24602] Re: AEA keyer

by "S. Lee" <slee@u.washington.edu>

Date: Fri, 08 Aug 1997 19:17:54 EDT
From: tahrens1@juno.com
To: qrp-l@Lehigh.EDU
Subject: [24560] Companion's Progress
Message-ID: <19970808.181854.4919.0.tahrens1@juno.com>

Well, since I decided to build one up.. I figured that the list should be kept up with the progress.

Anyhow, there's a real thread about scratch built & kits, etc... guess this project is kinda halfway... Index design, W5FN implementation!

The prototype tuner went together well on the piece of pcb material... hooked up to the MFJ-249 antenna analyzer, and was able to tune the 135' dipole fed with 450 ohm ladder on all bands... sounds like it's working ok...

What about a box? Hey, let's try KK7BD's method of PCB boxes. (See QRPp Spring 97, page 75 & 76).

Man, this method really works GREAT!! Thanks for the ideas Dan!

Built a box that kinda looks like the one on 76, has a shelf that the batteries fit below, the top will have the perf board charger and noise bridge.. Since I can solder to the 'front panel', the whole tuner will be built up on it! Try that with an aluminum or steel box!

How do you isolate a 365pf variable capacitor, and rotary inductor (from my junk box)? Hey, it's simple with a PCB front panel, just cut a 1/8" slice around the entire area that the cap or inductor would touch the front panel. Screw in from the front (make a little 'moat' around the screws, and viola.. instant isolation. (... don't use metal knobs tho)!! :-)

Got the box built, and hit the outsides with a shot of flat black paint... wanted to kinda match the Index...their paint job is between gloss & flat..

Time to hit the perf board & build up the 'real' electronic portion of the project..

Keep you posted

cu

Tim W5FN

Date: Fri, 08 Aug 1997 18:15:51
From: Steven Weber <kd1jv@moose.ncia.net>
To: pacyna@auratek.com
Cc: qrp-1@Lehigh.EDU
Subject: [24561] RE: Broadband amps
Message-ID: <3.0.1.16.19970808181551.2c8f1cb4@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Ed,

I can see that this is starting to get out of hand. I don't want to discourage anyone from building a push pull amp. They are great and have a lot of advatages.

Lets just say that your chances of building a working amplifier are much greater if you use matched pairs. Since RF power devices are expensive, it is worth while to buy them as a matched set.

I have no connection or interst in RF Parts Co. I am a happy customer. Thier catalog describes thier matching method. In addition to lot and Beta code matching, they put them on a curve tracer. Then they check the power gain at 50-60 percent of the rated output on a RF test fixture. I feel it is well worth the small premium for this service.

I have used thier matched pairs to fix 100 watt PA's. No problem.

I have three 2SC2166's that are still unused. Two have the same date code. One has a hfe of 25, the other 32, a 20 % difference. The third one has an hfe of 30, so looks like a resonable match for the one with hfe of 32.

The 2SC2166's are inexpensive 5 watt CB types. At under 2 bucks a pop, it is not unreasonable to buy 5 or 10 and match them up.

Maybe I'll try another Push Pull amp with those two and see what happens. I really would like to have a linear P-P amp, instead of a single ended

class C one.

73

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Fri, 8 Aug 1997 19:32:38 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [24562] Coax Cable information
Message-ID: <199708082338.TAA13474@pelican.talon.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello to all on the QRP-L,

Check this site out. It has all the information about Coax Cable
that you could possibly need.

<http://www.stormproducts.com/cable/#coax>

73 & Good DXing
Ron de WB3AAL

wb3aal@talon.net

OWL's Radio Club

QRP # 5318	PA QSO Party 1996 Small Club Gavel
G-QRP # 3031	PA QSO Party 1996 Active Member, High
10-10 # 13173	Average Aggregate Award
QRP-L # 1099	

Date: Fri, 08 Aug 1997 23:37:42 +0100
From: "Brian K. Short" <shortckt@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [24563] QRP Clubs?
Message-ID: <3.0.1.32.19970808233742.006a9d68@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings, (or Howdy Critters, or Far Out, or whatever...)

No idea about the Summer Doldrums unless it is the Summer Hamfest Lecture Circuit?

I think I may be interested in joining a "QRP Club."
QRP is not the only aspect of the hobby that I enjoy, but building things, experimenting, operating portable, operating mobile, doing things simply and inexpensively etc are all things I've done over a long period of time. (Though I've invested in some expensive -to me- items, too.)

What are the requirements for these clubs?

I have a list of them with links on my web page, but know nothing about the clubs themselves.

What is the significance of the #'s so many people sign their email with? I understand some clubs refuse to assign them? Are these organizations open to anyone?

I've read about the exemplar job NorCal has done in avoiding unnecessary "politics" and this sounds unique. Maybe these folks should be sent to the U.N.

I get QRPP, so I guess I'm a member of NorCal? Exactly what does this entail? I like the magazine and all, just curious.

Someone told me these things are filled with "dead wood." This is QRP for silent key, I guess. Personally, I hope to join QCWA soon, but that is another story.

OBTW, I recently joined an RTTY group called FARTS and you probably guessed it "Silent Farts"...

Is there really a "Party Line" as I've been told?

And, if 73 is best regards, is 72 a bit less than best regards?

I kinda dislike secret handshakes and decoder rings.

I've been told things are either in tune with or not in tune with "QRP Philosophy." What is this? If it feels good do it (so to speak). If I'm trying to work Asia on 80m, to this day I think I'd be inclined to run more than 5 watts if it is a zone never worked by me...bit of skill and power. Are they mutually exclusive?

Do all QRPers have ego problems or just the ones I met? :)

How do you out-QRP a QRPer? ESP? Telepathy?

Maybe I belong in a different club, but as Mark Twain said...

Is there a club for folks who dislike clubs? Never did sign up for the procrastinators' club.

Now, I'll get clubbed to death... or get a club sandwich?

Partially tongue in cheek...

-Brian

(Oh yeah, feel free to publish widely, but retain credits...)

Date: Fri, 08 Aug 97 17:08:34 -0700 (PDT)
From: John Watrous <jwatrous@groucho.santarosa.edu>
To: qrp-l@Lehigh.EDU
Subject: [24564] Spartan Sprint
Message-ID: <Pine.3.89.9708081738.B4578-01000000@groucho.santarosa.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks for everyone who listened for me and for those who got away!

Spartan Sprint Results
K6PZB/6 in Santa Cruz
5watts into a HamStick

1. AB7TK
2. K6RPN
3. K06KA
4. W7QQQ
5. KI6SN
6. AC6XK
7. W6ZH
8. N6MM
9. N6GA
10. N4TN
11. W5VBO

...also heard some 2's, 3's, 4's and zeros and K5LFG
calling CQ endlessly right on 7040.

John Watrous, K6PZB
CM88nk Graton CA
ARS #211
jwatrous@groucho.santarosa.edu

Date: Fri, 8 Aug 1997 20:10:08 -0700
From: n4oln@juno.com
To: qrp-1@Lehigh.EDU
Subject: [24565] w1aw@arrl.org: ARLP032 Propagation de K7VVV
Message-ID: <19970808.201231.8718.0.n4oln@juno.com>

ARS N40LN
Gary Lindemann
2638 Club Forest Ct. SE
Conyers, GA. 30013-1904
n4oln@juno.com

----- Begin forwarded message -----
From: w1aw@arrl.org
To: QST@listserv.arrl.org
Subject: ARLP032 Propagation de K7VVV
Date: Fri, 08 Aug 1997 16:37:12 EDT
Message-ID: <\$arlp032.1997@arrl.org>

SB PROP @ ARL \$ARLP032
ARLP032 Propagation de K7VVV

ZCZC AP32
QST de W1AW
Propagation Forecast Bulletin 32 ARLP032
>From Tad Cook, K7VVV
Seattle, WA August 8, 1997
To all radio amateurs

SB PROP ARL ARLP032
ARLP032 Propagation de K7VVV

The week began with zero sunspot activity, but the sunspot number
rose steadily to 45 on August 6 and 55 on August 7. Solar flux also
increased toward the end of the week, and at 1700 UTC on August 7 at

the Penticton, BC observatory it was 76.2, 77.9 at 2000 UTC, and 78.6 at 2300 UTC. Flux values are expected to peak over the weekend around 78, then fall back to the low seventies.

Solar flux is expected to stay in the mid seventies through the month of August, and we could see some slightly active geomagnetic conditions around August 27 due to recurrence. This is predicted because conditions were unsettled to active the last time the Sun was in that position relative to Earth, about 27 to 28 days before.

Expect 20 meters to still be the best band for DX, although if the flux gets above 80, some better propagation could occur on 15 and 17 meters. 10 and 12 meters should be poor, but look for interesting north-south propagation, particularly as we move toward the equinox, only about 6 weeks from now. 30 and 40 meter conditions should also improve around that time.

Dave Flarity , VE3DVE, wrote to comment that the same propagation information that appears on WWV at 18 minutes after every hour and at the 303-497-3235 phone number given in ARLP031, is also on the web at: gopher://proton.sec.noaa.gov:70/00/latest/wwv. It is updated very three hours.

Sunspot Numbers for July 31 through August 6 were 0, 0, 11, 27, 12, 39 and 45 with a mean of 19.1. 10.7 cm flux was 70.4, 71, 70.8, 72.2, 72.7, 74.8 and 76.8, with a mean of 72.7, and estimated planetary A indices were 19, 8, 5, 15, 8, 3, and 4, with a mean of 8.9.

This weekend is the Worked All Europe CW Contest, and here are some path projections to Europe from the United States:

>From the Eastern U.S., 80 meters looks good from 0030z to 0445z, and 40 meters from 2300z to 0600z. 20 meters should open from 1230z to 0030z with the best period from 1900z to 2200z.

>From mid-USA, check 80 meters from 0100z to 0430z, 40 meters from 0030z to 0545z, and 20 meters from 1930z to 0100z. 15 meters may open around 2030z to 2330z.

>From the West Coast 80 meters may open briefly around 0400z. 40 meters looks good from 0230z to 0530z, and 20 meters from 2000z to 0100z and 0530z to 0800z. There is a chance of a 15 meter opening from 1600z to 0000z.

>From Anchorage, Alaska 20 meters is the only real option. It looks good from 1430z to 0000z and better from 0500z to 0900z. There is a small chance of a 15 meter opening around 1600z to 2300z. 40 meters

could open with weak signals around 0300z to 0500z.

NNNN
/EX

----- End forwarded message -----

Date: Sat, 09 Aug 1997 01:17:13 +0100
From: "Brian K. Short" <shortckt@primenet.com>
To: Fox_Tango@QSL.Net
Subject: [24566] Yaesu Solid State BoatAnchor QRP Rig
Message-ID: <3.0.1.32.19970809011713.00755e8c@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm not quite sure where these comments belong
as an FT-7 is a classic Yaesu "Fox Tango" radio
and also QRP...

I finally got the 2 rigs out and they are different.
One has a 8-pin mic connector, the other 4-pin.

The rig the fellow said he only received on seems to
receive and transmit (QRP+) on all 5 bands.

The rig that had been in storage for 10 years does not
put out anything on 20m. (This is the one with the 4-pin
plug.) Seems ok, otherwise.

Both put out well in excess of 5w (varies by band, up to
almost 20w out on a Diamond SX-200, MFJ Dummy Load).

Both seem hearing challenged (receiver insensitive).

Maybe I can open them up next week and see what is inside.
This could be a fun radio.

Oh yeah, the one has an amplifier key line jack added to
the back panel.

Both likely need a tune up, so if any FT-7 experts (or just
plain wizards) have any comments or suggestions, I'll entertain
them...

"If you can't run with the big dogs, stay on the porch!"
Brian Short k7on@qsl.net <http://www.qsl.net/k7on>
1994 E Laguna Dr Tempe, Az 85282 (602)839-3484

Date: Fri, 8 Aug 1997 18:28:22 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [24567] Re: QRP Clubs?
Message-ID: <199708090128.SAA25361@usr02.primenet.com>

Brian (K7ON) wrote:

>
> I think I may be interested in joining a "QRP Club."
> ...
> I have a list of them with links on my web page, but know
> nothing about the clubs themselves.

Maybe this sounds silly, but if you're really curious about
what a given QRP club is like, you could always follow some
of those links on your webpage. :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It happens sometimes. People just explode. Natural causes." -Repo Man

Date: Sat, 09 Aug 1997 01:41:52 +0100
From: "Brian K. Short" <shortckt@primenet.com>
To: vole@primenet.com
Cc: qrp-l@Lehigh.EDU
Subject: [24568] Re: QRP Clubs?
Message-ID: <3.0.1.32.19970809014152.00757384@mailhost.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Maybe this sounds silly, but if you're really curious about
>what a given QRP club is like, you could always follow some
>of those links on your webpage. :-)

Thanks for the tip.

Brian Short k7on@qsl.net <http://www.qsl.net/k7on>
1994 E Laguna Dr Tempe, Az 85282 (602)839-3484

Date: Fri, 8 Aug 1997 18:55:36 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [24569] Re: Conditions, etc.
Message-ID: <199708090155.SAA24522@usr03.primenet.com>

Howdy folks,

Cam (KT3A) wrote:

>
> What is the new contest from the scQRPions? Give us some hints Joe.
> I wanted to drum up a contest from the QRP society of Central PA, so
> I am looking for ideas.

So are we! :-)) We're still working out the details. If we
can pull it together in time, it'll be short-notice this year.
But then again many of life's thrills are built around
spontaneity. :) Give us one more day....

Hope to hear about a Central PA QRP contest soon!

On a side note, worked KH6AFS/QRP again around noon local, 20m.
He said the surf was terrible. I like this guys lifestyle. :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It happens sometimes. People just explode. Natural causes." -Repo Man

Date: Fri, 8 Aug 1997 02:12:49 -0800
From: larsennc@alaska.net (Jim/Nancy/Juliann)
To: qrp-l@Lehigh.EDU
Subject: [24570] August Alaska SCRC Newsletter
Message-ID: <v01510100b010a1576946@[206.149.125.80]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Date: Fri, 08 Aug 1997 15:39:57 -0700

>Subject: August SCRC Newsletter

>

>Hey there boys & girls, it's that time again.

>

>The August 1997 South Central Radio Club News is up on the WWW and can
>be found at:

>

> <http://www.servcom.com/worcester/>

>

>Have a great month - and hope to see you at the meeting.

>

>73 - Len - WL7IM

Date: Sat, 9 Aug 1997 02:09:13 +0100
From: pmk@juno.com (Patrick M Kvitkauskas)
To: qrp-l@Lehigh.EDU
Subject: [24571] Germanium color code help ???
Message-ID: <19970809.020920.7190.0.pmk@juno.com>

I got a hold of a bunch of Germanium somewhere amongst all my junk but
never did find out anything about them.

They are glass with 3 and 4 color bands on them and don't have a clue
what they are.

Most of them are used but still show good on a ohm meter.

Should I keep them or trash them ???

thanks es 72/73
Patrick KD4OBQ

AR

Date: Fri, 8 Aug 1997 21:42:57 -0500
From: "J. W. Stevens" <stevensj@sound.net>
To: "'QRP-L Reflector'" <qrp-l@Lehigh.EDU>
Subject: [24572] Handbook of Simplified Solid State Circuit Design

Message-ID: <01BCA444.09E400C0@cnc036055.concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I notice that this book is also available from barnesandnoble (.com) for \$16.95.
It is special order and takes from 4 to 6 weeks...

John W. Stevens K5JS

Date: Fri, 08 Aug 97 21:59:09 -0500
From: Larry Trullinger <kb0emb@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24573] CMOS III
Message-ID: <199708090250.VAA29323@SWBELL.net>

-- [From: Larry Trullinger * EMC.Ver #2.5.02] --

Hi Gang,

A co-worker wants to build a keyer for his 10 M rig and have heard some of the list members comment positively about the CMOS III keyer. So my question (s) is, does it come in kit form (even partial OK) or prebuilt ? Also where can the parts/kit be purchased ?

As an option he may build the Island keyer or TICK, but he has read about CMOS II and likes it pretty well. As always thanks.

72/73 kb0emb Larry

Date: Sat, 09 Aug 1997 00:11:32 -0700
From: ka8ddz <hynde@flash.net>
To: qrp-l@Lehigh.EDU
Subject: [24574] VVC for front end?
Message-ID: <33EC1824.4091@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang:

Has anyone used a VVC for a pre-select cap? I figured it would be cheaper than an air variable. Are there any pit falls here? I just got my 40m DC RX going this evening, WOW contest night! So nice to hear Europe blasting in 599 on a 3 chip receiver!

I used a VVC (1N4001, hey its what was on special at the last swap) for the VBF0 and I noticed I could use a little 'tweak' near the band edges, it's running 7 to 7.110 right now and Im thinking about just running the whole band with it. In which case I'll certainly need to tweak the front end.

I'll post the results, Im doing it tonight, time permitting. But it would be nice to hear of any gotchas I may not know about.

73, Tim, ka8ddz

Date: Sat, 9 Aug 1997 05:18:16 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@Lehigh.EDU
Subject: [24575] Special Foxhunt
Message-ID: <199708090418.FAA09636@chuck.dallas.sgi.com>

Gang,

Just as practice for the fall season, K5F0 is going to a secret location and it's not in TX, CA, or AZ. So your job is to find me around 7.040MHz each night starting Saturday Aug 9th 1997 until Tuesday night late.

Let me see if I can figure out the timezone conversion.

Let's say (but not limited to or guaranteed) starting at 0400UTC until 0700UTC starting Sunday (Saturday night in the USofA). :-)

I'll be the weak one. No fair telling the whole group where I am.

Onto yet another aluminum Boeing 757.

. . (that's a weak signal gang)

;-) :-)

OH, and it's not NM either.

Rig will be a SWL40 with 8044ABM and Envirotronic with dipole in some configuration yet unknown as I have not seen the sight.

See you on 40 between the lighting strikes and QRN.

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/index.html>
K5FO's online Morse Code course --- see the home page
WIMPS: Qs=053 30m=48 17m=5 12m=0 States=26/05/00 DX=04/00/00 QSLs=022

Date: Fri, 8 Aug 1997 21:33:45 -0700 (MST)
From: "James R.Sharp" <lobar@doitnow.com>
To: qrp-l@Lehigh.EDU
Subject: [24576] Re: In re HB pc cutting, frugal too
Message-ID: <199708090433.VAA18419@in4.doitnow.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:59 AM 8/7/97 -0400, you wrote:

>First let me say that this thread is profaning the QRP-L by diverting its
>attention from the latest nuance of prepared kit worship.

>

>But if you must cut pc board, as in making a DeMaw ugly box or such, put it
>between two strips of lumber, clamp it and use a hacksaw. Here in Dallas one
>can assemble the entire operation with a trip to the "Dollar Store" for a
>Chinese hacksaw and some Tibetan clamps. On the way back stop at a
>side-of-the-road scrap pile for the lumber and, if you are lucky, hit an
>abandoned TV set for the 3.579 color burst crystal and lots of useful stuff.

>

>But beware: If you persist in this, your station will look like mine.

>

>72,3 de ab5l, striving for a zero resale value station, MNHopkins@AOL.com

I use the scoring and/or sheet metal shear and usually don't bother to file the edges.

For some new project cases I've been known to take an old retired project box, scotch tape unwanted holes, fill with epoxy, drill new holes and paint, maybe. Certainly not attractive. But then.. neither am I.

KC7GHP Peoria, Az

"He who would trade liberty for security #####
deserves neither!" #####
Benjamin Franklin #####
#####

James R.Sharp KC7GHP from Peoria, Az TS140 NCG72150 AT11 Inverted Vee 5/8
6m vert
lobar@doitnow.com

Date: Fri, 8 Aug 1997 21:33:59 -0700 (MST)
From: "James R.Sharp" <lobar@doitnow.com>
To: qrp-1@Lehigh.EDU
Subject: [24577] RECHARGEABLE LITHIUM BATTERIES
Message-ID: <199708090433.VAA18428@in4.doitnow.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all!

Just received an add from TADIRAN ELECTRONIC INDUSTRIES, INC that describes
a new generation of rechargeable lithium batteries.

Sounds perfect for our toy radios especially backpacking use!

They claim that a supply using five NiMH or NiCd 800 mAh AA size batteries
can be replaced with TWO (2) Tadiran In-Charge AA batteries with a weight
reduction by 70% and reduced battery volume by 60% while maintaining the
same 800 mAh capacity.

They also claim capacity retention of 85% after one year storage at room
temperature.

No memory, no heavy metals, flat discharge curve and inherently fail-safe
due to cell chemistry! Even short circuit protected.

One CATCH seems to be that your/my application must be custom designed by
them because the charging system/circuitry is built into every pack.

Another CATCH is probably price because the literature makes no mention of
price range.

You could construct a 12 Vdc pack using only four cells, as the chemistry
per cell generates 3 Vdc.

Any who, it sounds really kooooowl! Kind of like the new generation of nuclear power plants that CAN'T melt down. I remember when the experts told us that nuclear power would be TOO CHEAP TO METER! I remember when they promised photovoltaic cells would be a dollar per watt.

Standard disclaimer invoked! Here's the address:

TADIRAN ELECTRONIC INDUSTRIES Ltd
2 Seaview Blvd. Port Washington, NY 11050
TEL 516-621-4980 FAX 516-621-4517

I haven't looked for them on the web yet! 72, 73

```
#####  
##### "He who would trade liberty for security #####  
##### deserves neither!" #####  
##### Benjamin Franklin #####  
#####
```

James R.Sharp KC7GHP from Peoria, Az TS140 NCG72150 AT11 Inverted Vee 5/8
6m vert
lobar@doitnow.com

Date: Fri, 8 Aug 1997 22:19:10 -0700
From: dgf@netcom.com (David Feldman)
To: qrp-l@Lehigh.EDU
Subject: [24578] Re: RECHARGEABLE LITHIUM BATTERIES
Message-ID: <199708090519.WAA18550@netcom3.netcom.com>

"James R.Sharp" <lobar@doitnow.com> writes,

>Just received an add from TADIRAN ELECTRONIC INDUSTRIES, INC that describes
>a new generation of rechargeable lithium batteries.

>

>Sounds perfect for our toy radios especially backpacking use!

Before jumping into these things - - - the tadiran cells aren't very consistent from cell to cell - when you are in discharge phase you *MUST* monitor each cell voltage individually, and shut down usage as soon as the lowest voltage cell hits it's discharge limit. Same with recharge. For this reason, they're not recommended in series strings. They're really intended for use in 3V applications such as PCS phones and such. It is a long way from now until when these things will be a nice plug-in replacement for the current crop of NiCd/NiMh cells, but we can stay hopeful!

On Fri, 8 Aug 1997, J. W. Stevens wrote:

I found another second-hand 1979 copy at Hoffman Research Services for \$15.

Chris

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com

Graphics by Loek Frederiks

Date: Sat, 09 Aug 1997 02:56:33 EDT
From: ko7i@juno.com (Donald H Jones)
To: qrp-1@Lehigh.EDU
Subject: [24580] Re: RECHARGEABLE LITHIUM BATTERIES
Message-ID: <19970808.235412.7647.0.ko7i@juno.com>

I read James's posting about rechargeable Lithium batteries, and I figured it would be OK to share a "FIRE & SMOKE" story with our user group.

I remember a R&D program for a Fiber Optic Linear Proximity Sensor that my company was once doing. It featured a fiber optic data link to an aircraft flight management system, it had a Lithium Battery as a source within the Proximity sensor assembly. The program was quietly scuttled (at our local fire marshal's advice) during a portion our product life development testing.

Basically what happened was that during the temperature cycling tests (up to 70 deg C), they had an explosion within their temperature chamber, two months into the test. The temperature chamber was a Delta Design oven, which has a rather robust method for latching/securing it's door in place. The explosion occurred during night shift (fortunately), and it scared the hell out of the janitor, he called 911. The fire dept found the oven door embedded in the sheetrock wall opposite of the chamber.

I have always had a healthy respect of those cute little lithium batteries ever since.

I do not care who designed that charger, I would be very mindful of battery temperature, and consider a couple sandbags for good measure when fooling around with Lithium batteries.

72 and remember the ol' civil war saying, "keep your head low, and the powder dry!"

Don Jones
ko7i@juno.com
Stanwood, WA
360-652-0248

Date: Sat, 9 Aug 1997 03:20:32 -0700
From: n4oln@juno.com
To: qrp-1@Lehigh.EDU

Subject: [24581] ARLP032 Propagation de K7VVV
Message-ID: <19970809.032136.11582.3.n4o1n@juno.com>

----- Begin forwarded message -----

From: w1aw@arrl.org
To: QST@listserv.arrl.org
Subject: ARLP032 Propagation de K7VVV
Date: Fri, 08 Aug 1997 16:37:12 EDT
Message-ID: <\$arlp032.1997@arrl.org>

SB PROP @ ARL \$ARLP032
ARLP032 Propagation de K7VVV

ZCZC AP32
QST de W1AW
Propagation Forecast Bulletin 32 ARLP032
>From Tad Cook, K7VVV
Seattle, WA August 8, 1997
To all radio amateurs

SB PROP ARL ARLP032
ARLP032 Propagation de K7VVV

The week began with zero sunspot activity, but the sunspot number rose steadily to 45 on August 6 and 55 on August 7. Solar flux also increased toward the end of the week, and at 1700 UTC on August 7 at the Penticton, BC observatory it was 76.2, 77.9 at 2000 UTC, and 78.6 at 2300 UTC. Flux values are expected to peak over the weekend around 78, then fall back to the low seventies.

Solar flux is expected to stay in the mid seventies through the month of August, and we could see some slightly active geomagnetic conditions around August 27 due to recurrence. This is predicted because conditions were unsettled to active the last time the Sun was in that position relative to Earth, about 27 to 28 days before.

Expect 20 meters to still be the best band for DX, although if the flux gets above 80, some better propagation could occur on 15 and 17 meters. 10 and 12 meters should be poor, but look for interesting north-south propagation, particularly as we move toward the equinox, only about 6 weeks from now. 30 and 40 meter conditions should also improve around that time.

Dave Flarity , VE3DVE, wrote to comment that the same propagation information that appears on WWV at 18 minutes after every hour and at the 303-497-3235 phone number given in ARLP031, is also on the

web at: gopher://proton.sec.noaa.gov:70/00/latest/www. It is updated very three hours.

Sunspot Numbers for July 31 through August 6 were 0, 0, 11, 27, 12, 39 and 45 with a mean of 19.1. 10.7 cm flux was 70.4, 71, 70.8, 72.2, 72.7, 74.8 and 76.8, with a mean of 72.7, and estimated planetary A indices were 19, 8, 5, 15, 8, 3, and 4, with a mean of 8.9.

This weekend is the Worked All Europe CW Contest, and here are some path projections to Europe from the United States:

>From the Eastern U.S., 80 meters looks good from 0030z to 0445z, and 40 meters from 2300z to 0600z. 20 meters should open from 1230z to 0030z with the best period from 1900z to 2200z.

>From mid-USA, check 80 meters from 0100z to 0430z, 40 meters from 0030z to 0545z, and 20 meters from 1930z to 0100z. 15 meters may open around 2030z to 2330z.

>From the West Coast 80 meters may open briefly around 0400z. 40 meters looks good from 0230z to 0530z, and 20 meters from 2000z to 0100z and 0530z to 0800z. There is a chance of a 15 meter opening from 1600z to 0000z.

>From Anchorage, Alaska 20 meters is the only real option. It looks good from 1430z to 0000z and better from 0500z to 0900z. There is a small chance of a 15 meter opening around 1600z to 2300z. 40 meters could open with weak signals around 0300z to 0500z.

NNNN
/EX

----- End forwarded message -----
----- End forwarded message -----

Date: Sat, 9 Aug 1997 01:28:03 -0600
From: Niels Jensen Kristjansson <nkristja@cadvision.com>
To: qrp-1@Lehigh.EDU
Subject: [24582] DX DX DX DX...
Message-ID: <1.5.4.16.19970809012651.1f1fd146@cadvision.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi gang,

I=B4m off on holidays and will be heading back to TF-land this weekend and in my bags will be my 38S and a dipole. I will operate from TF-land using my TF3NJ call or from the Icelandic Radio Amateurs club as TF3IRA on 20m so keep your ears open. I will try to post on the QRP-L when I will be on the air and will listen very intensely for any /QRP and get all exited if I hear QRP-L (remember - is -....-). Please send QSL to VE6NJK (getting optimistic arn=B4t I), I would love to make contact with anyone on the list and hand out as many TF contacts as possible. Unfortunately I will have to unsubscribe QRP-L as three weeks of mail would=20 saturate my mailbox. I am also contemplating using the 38S as a CW 30m/QRP/aeronautical mobile/glider, hmmm.... still an idea but working on it, if it happens I will tell all on my return.

73 to all and will rejoin the group in three weeks.

N=EDels
VE6NJK/TF3NJ

Date: Sat, 09 Aug 1997 09:29:36 EDT
From: wa5whn@juno.com
To: qrp-l@Lehigh.EDU
Subject: [24583] Perseid Meteor Shower / VHF Meteor Scatter
Message-ID: <19970809.072444.6687.0.wa5whn@juno.com>

qrp-lers,

Any VHF Meteor Scatter enthusiasts out there (cw) ? Perseid Meteor Shower; Any search engine will give You more data than you could ever want, about this annual event. Aug. 11/12 are the peak mornings. ~ 1 per minute (estimated). A great dark sky treat too.

72...Jay, WA5WHN DM65qd

Date: Sat, 9 Aug 1997 13:37:58 -0500 (CDT)
From: "Jim R. Hatfield" <jhatfiel@mail.orion.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24584] AEA keyer

Message-ID: <Pine.GS0.3.96.970809131359.15996A-100000@orionc0>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have an AEA keyer that works good but I have missplaced the book on how to slow down the speed.I don't see a model # but it's black with a gray front and white touch tone buttons,has an off/on volume switch and small speaker,I think it's a ck-1.If anyone can please help.
This list is the best and most polite I have seen ,It's made my ham experience much more enjoyable. 72 Jim KG0NA Springfield Mo.

Date: Sat, 9 Aug 1997 18:24:10 +0000
From: Bob Roach <KE4QOK@worldnet.att.net>
To: qrp-1@Lehigh.EDU, tenten-1@Lehigh.EDU
Subject: [24585] Special Event USAF 50th Anniversary
Message-ID: <19970809182407.AAA132@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Please distribute the following info to you local clubs and fellow hams
Thank you 73 KE4QOK

The Peninsula Amateur Radio Club (PARC) will operate Special Events Station, W4MT, from Langley Air Force Base on 6 September 1997 (1300 to 2100 UTC) in honor of the United States Air Force's (USAF) 50th Anniversary. PARC will operate on portions of the "General Class" 10 meter (28000 to 28600 khz), 15 meter (21050 to 21149 khz & 21300 to 21400 khz) and 20 meter (14115 to 14150 khz & 14235 to 14340) bands in both SSB & CW modes. We will also operate 2 meters on 144.630Mhz. QSL requests or questions can be sent to: Rene' B. Valladares,KE4WMG, 178 Goodwin Neck Rd., Yorktown, VA 23692 USA.

Langley Air Force Base is home to Air Combat Command, the 1st Fighter Wing and is located in the heart of Hampton Roads (Virginia Beach, Norfolk, Portsmouth, Chesapeake, Hampton, Newport News, Poquoson, historic Yorktown, Jamestown and Williamsburg). PARC is a special service club and Amateur Radio Relay League (ARRL) affilated club. We hope your will be able join us "on-the-air" in celebrating this 50th anniversary.

Date: Sat, 9 Aug 1997 12:34:47 -0700 (PDT)
From: doug hauff <slmachco@fix.net>
To: qrp-l@Lehigh.EDU
Subject: [24586] 38 Special DX success!!
Message-ID: <199708091934.MAA10215@fletch.fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Wow! After countless mods, fried components, scorched pc board, the 38S is better than ever! Plugged 'er in just before bed last nite abt midnite-30, heard noise and one faint signal low on the band, a UA0, hmm, must be some kinda dx, what the heck..UA0LDY de KE6RIE..couple other guys all over me..he comes back KE6?? de etc...We have qso, he's marine mobile on Beloye More (White Sea)...holy cow, Russia!! Alex said he'd qsl, my very first qso outside of North America except for one JA (also 38S)!! WHAT A RIG! WHAT A BAND! YAHOO!!!

Gotta be 2-3 thousand miles a watt! Four watts into a dipole over my roof at 16 feet! Amaaaaaazing!! YEEEEEEEEEEHA! Right on Ori!!

Date: Sat, 9 Aug 1997 12:16:06 -0400
From: "KFGlynn" <KFGlynn@prodigy.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>, "LIQRP" <liqrp@waterw.com>
Subject: [24587] Summer Daze last week/Kuwait and Bulgaria
Message-ID: <199708091614.MAA31606@mail1y-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi gang,

Well I did my best to work the contest last week, but didn't exactly fair too well. YL Mary suggested I try at High Rock Park in Staten Island, NYC, so I said why not.

Humidity high, lost sinker on first tangle in trees, alot of fun. Used to play centerfield and had a good arm, so I found a small branch and taped the fishing line to it and gave it a throw. A strike on the first throw, up about 25-30'.

WOrrked on 20M SSB with 9420 5 watts PEP into inverted-vee. I made all of 2 QSO... however both DX. One with LZ5DB in Bulgaria and 9K6POW in Kuwait. I believe I've worked LZ5DB before from a park in Brooklyn and it's my first contact with Kuwait. Was psyched about that one. Jassem told me to

QSL his home call, so he'll be getting a QSL and IRC pronto.

Maybe this one qualifies for 1,000 miles per watt. Have the award for 20M CW and love to add SSB.

72 Kevin N2T0

Kevin F. Glynn, N2T0
Brooklyn, NYC
KFGlynn@prodigy.net

Date: Sat, 9 Aug 1997 09:31:53 -0400 (EDT)
From: K5BDZ@aol.com
To: shortckt@primenet.com, qrp-l@Lehigh.EDU
Subject: [24588] Re: Commercial QRP Rig?
Message-ID: <970809093153_-1908045621@emout11.mail.aol.com>

Brian
FT7 may be big and heavy, but, from my experience, it is a good rig for what it does. Never had problems with finals. In fact, it can be quite forgiving loading finals into high SWR (except open circuits). Same basic circuits and boards as FT301S. (Would like to find a FT301S for myself!)
Suggestion: Forget adding any extra xtal filters. Use audio filters.
Have fun.
Bill, K5BDZ

Date: Sat, 9 Aug 1997 15:04:42 -0400
From: "Thomas J.McCuen" <TMcCuen@CompuServe.COM>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [24589] SWR / Tuner
Message-ID: <199708091505_MC2-1CB6-2E93@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Looking for a QRP (of course) SWR meter/ antenna tuner combo or better yet, in the same package.
It can be in kit form or not.

Any recommendations??

Tnx in advance,

Tom ; aa2vk

Date: Sat, 09 Aug 1997 09:32:54 -0400
From: Dennis Terribile <wr4i@mindspring.com>
To: qrp-l@Lehigh.EDU
Subject: [24590] TRADE> ARGO 515 > ARGO II
Message-ID: <1.5.4.32.19970809133254.00693590@mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Looking to trade my Argo 515 (+ \$\$) with matching cw/notch filter and matching power supply for a Argo II. Have all manuals and the rig is in VERY good condition. Used to own one and foolishly sold to buy the QRP+. No comparison folks...esp the QSK. TT makes the best!

No_other_trades or \$\$ offers...please. OK..maybe a OMNI IV! :)

Thanks es 72,
Dennis/WR4i
Charlottesville,VA

Date: Sat, 9 Aug 1997 15:54:55 -0400 (EDT)
From: N3BJ@aol.com
To: qrp-l@Lehigh.EDU
Subject: [24591] FS: MXM 40M xvcx
Message-ID: <970809155455_-86167737@emout19.mail.aol.com>

Above for sale in good condition. Works, in a case, needs alignment. About the only double conversion QRP rig around.

\$80 shipped

Alan, N3BJ

Date: Sat, 09 Aug 1997 15:23:01 -0500

From: John Sullivan <sullivjd@sound.net>
To: qrp-1@Lehigh.EDU
Subject: [24592] Re: AEA keyer
Message-ID: <33ECD1A5.6F20@sound.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim R. Hatfield wrote:

>
> I have an AEA keyer that works good but I have missplaced the book on
> how to slow down the speed.I don't see a model # but it's black with a
> gray front and white touch tone buttons,has an off/on volume switch and
> small speaker,I think it's a ck-1.If anyone can please help.
> This list is the best and most polite I have seen ,It's made my ham
> experience much more enjoyable. 72 Jim KG0NA Springfield Mo.

I thought I had the only one. Actually, they work quite well...for a 20
year old keyer.

The variable speed adjustment..."To increase speed, press *6 and hold
the 6 until the desired speed is reached. The keyer will send
alternating dots and dash[es] during the change. To reduce speed, press
*7 and hold the 7."

You can do two presets on speed...press **8nn, where nn is the two digit
speed in wpm. That is "A". "B" is **9nn. When 1st turned on "A" & "B"
are initialized to 20 and 30. To go to 30 wpm press *9. So for
example...press **805 then **915. Now you can change from 15 wpm to 5
wpm by pressing *8. To go back to 15, press *9.

Holler if you cannot find your manual and you want to adjust spacing or
memory stuff, etc.

72 de kg0mz

Date: Sat, 9 Aug 1997 14:14:12 -0400 (EDT)
From: Cosmo224@aol.com
To: qrp-1@Lehigh.EDU
Subject: [24593] Wanted: IC202S
Message-ID: <970809141411_1018855529@emout05.mail.aol.com>

Greetings all

I am looking for an ICOM IC202S portable 2m sideband rig.
Please email me direct. Thanks!

Mike Kana AA9IL
cosmo224@aol.com

Date: Sat, 9 Aug 1997 14:35:00 -0400 (EDT)
From: NilsBull@aol.com
To: shortckt@primenet.com, qrp-1@Lehigh.EDU
Subject: [24594] Re: Commercial QRP Rig?
Message-ID: <970809143455_-802426970@emout16.mail.aol.com>

In a message dated 97-08-08 06:35:09 EDT, shortckt@primenet.com (Brian K. Short) writes: ". . . during that time was "QRP" a bit of marketing hype to sell solid state rigs before the appropriate RF transistors were available or affordable for production in amateur equipment at a reasonable price point?"

Well, maybe. I remember when the first PM* series transceivers came out. I was reading QST and staring at USN radios, stuff with big tubes and lots of transistors in 'em. The idea of a fully transistorized rig was pretty novel. Of course, at the same time, the ARRL handbook had a couple designs for "cute" radios, things in 3x5 file card boxes &c.

Then, just before I finished off the USN deal, Ten Tec came out with the Argonaut. I remember talking with one of the other guys in CR div about using the Argonaut to drive the power amp on a URC32 transceiver box. Cute idea, but not really -- then -- practicle. I bought the Argonaut anyway.

One of the reasons that I bought the Argonaut was the review in QST, which I remember said something like "this is not a toy radio." And I'd already found that the PM2 which I had run in Puerto Rico with no success worked very well stateside on a 4BTV antenna in my parents' back yard. The Argonaut lived up to what the review in QST said.

So, was it marketing? Yeah, it was. The adverts were pretty convincing. Was it a "wait and see what we can sell until the transistors show up"? Definitely. I say that 'cause at the 1973 or 74 Hamvention -- the story goes -- a bunch of Motorola epitaxial HF power transistors showed up for sale, fresh in the styrofoam shipping flats. Turned out that the transistors had been stolen from a Motorola warehouse somewhere and the vendors suddenly disappeared (as in: got arrested or split before the federales showed up). Urban myth? I dunno. At least it's a better urban myth than Farrah Fawcett admitting on Johnny Carson that she was the alien mutant lesbian biker surrogate mother of Jimmy Hoffa's tentacled squid-baby.

But once those transistors were available, the plan (as part of a larger conspiracy theory/urban myth) made it pretty evident. Businesses were quite willing to wait and sell what they could do, while at the same time relying on the tube technology then so common. Once the transistors showed up, the tube companies had to admit that they were buying off the release of new technology to sell what they had inventoried and in production. Tubes then became superfluous. Ubergehoben, as some postmodernist philosopher type might have said. Superceded.

Me? I'll take the conspiracy theory as moderately plausible. But you have to admit, small power, solid-state radios did sell. We wouldn't be talking about it like this if they hadn't. (With all due respect to Ade Weis & the "Milliwatt" crew, of course.)

Now, where's that Elvis I saw yesterday? Oh, over here by the Jimmy Hoffa.

73

Nils

WB8IJN &c

. . . hand me that cheese otter over there . . . the one holding the VLSI ssb/am/fm transceiver on a chip chip. . . yeah, that one . . . I gotta cash this bribe check from YaeIcoKenSanDojoKurawshiMarunificationChurch before it gets any warmer and self-destructs . . .

Date: Sat, 09 Aug 1997 15:38:45 -0500
From: John Sullivan <sullivjd@sound.net>
To: qrp-1@Lehigh.EDU
Subject: [24595] Re: SWR / Tuner
Message-ID: <33ECD555.6E0B@sound.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thomas J. McCuen wrote:

>
> Looking for a QRP (of course) SWR meter/ antenna tuner combo or
> better yet, in the same package.
> It can be in kit form or not.
>
> Any recommendations??
>
> Tnx in advance,
>
> Tom ; aa2vk

I posted a wanted-St.-Louis-Tuner message a couple of weeks back. This was a NorCal kit, but no longer available. I got a bunch of replies, picked a kit up at cost.

It is qrp, of course, a t-match for balanced or unbalanced antennas, dummy load, bridge circuit with dual meters, and has RCA, BNC, SO-239, and binding posts for attaching your antennas.

I don't know if it is what you want, but there are a bunch of unbuilt kits out there.

72 de kg0mz

Date: Sat, 9 Aug 1997 10:47:01 -0700 (PDT)
From: nwqrp@scn.org
To: nwq-l@scn.org, qrp-l@Lehigh.EDU
Cc: kv9x@scn.org
Subject: [24596] NWQ Newsletter, Aug 1997, Now Online!!
Message-ID: <199708091747.KAA07471@scn.org>

Hello QRPers! Yes we now have the NWQ Newsletter for August now Online.
<http://www.scn.org/ip/nwqrp/nwqnews.html>

Also, there is a new link to
N7MFB's New Full Graphics version ...
<http://www.techline.com/~bill/>

which is still under construction as I understand, but I just took a look and it looked great!

--Brian, KV9X

Date: Sat, 9 Aug 1997 15:49:02 -0700
From: "Kelly Ellison" <kelman@dialnet.net>
To: <tentec@contesting.com>
Cc: <qrp-l@Lehigh.EDU>
Subject: [24597] Argosy For Sale or Trade
Message-ID: <199708092048.PAA10180@shell.dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Hi all!

I have an Argosy 525 with Digital Readout. It has some nicks and scratches. Would like to sell it for \$400.00 or trade for other QRP toys. Has Mic and Manual. For more information send email direct to kelman@dialnet.net. Thank you.

Kelly Ellison
WB0WQS
QRP-L #702

Date: Sat, 9 Aug 1997 17:41:04 -0400 (EDT)
From: ROBERT PENNEYS <radio@UDe1.Edu>
To: qrp-l@Lehigh.EDU
Subject: [24598] QRP+ for sale
Message-ID: <199708092141.RAA29612@copland.udel.edu>

By chance, a QRP+, like new, with an optional mod for backlit LCD, with manual, cable, etc. is for sale for \$475. If you have any interest, let me know. Tnx, Bob

Date: Sat, 09 Aug 97 13:44:53 -0500
From: Larry Trullinger <kb0emb@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24599] CMOS III - WOW
Message-ID: <199708091835.NAA08662@SWBELL.net>

-- [From: Larry Trullinger * EMC.Ver #2.5.02] --

Everyone,

So many replies, have to use the list ! Thanks to all who replied, overwhelmingly people really like the keyer. I have quite a stack of Email for my friend.

Not only that, but the Idiom Press folks have my money on the way to them now ! Couldn't pass up the opportunity to improve My shack. Guess I need to

read those ads in the back of QST a little closer...

Again thanks to everyone for the response. Next we all need to keep our eyes & ears open for Mr Fox this evening, be listening Chuck.

72/73 de kb0emb Larry

Date: Sat, 09 Aug 1997 17:43:45 EDT
From: tahrens1@juno.com
To: qrp-1@Lehigh.EDU
Subject: [24600] Companion's Progress
Message-ID: <19970809.164427.4919.2.tahrens1@juno.com>

Never mind! Tightened up the connection space,
and it tuned up great!

on to the charger!!

thanks

Tim W5FN

Date: Sat, 09 Aug 1997 16:33:29 -0500
From: Allen Jones <ajones@adsnet.com>
To: qrp-1@Lehigh.EDU
Subject: [24601] FS CW Interface for PC
Message-ID: <3.0.2.32.19970809163329.006b12ac@206.158.2.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For Sale: CW interface from January, 1995 QST article by Ralph Taggart, WB8BQT. Built on FAR Circuits board and housed in Ten-Tec cabinet. Includes cable to parallel port and copy of the software (shareware). \$29 PPD CONUS.

Allen Jones, W9DZ
Michigan City, IN
ajones@adsnet.com

Date: Sat, 9 Aug 1997 15:55:44 -0700 (PDT)
From: "S. Lee" <slee@u.washington.edu>
To: "Jim R. Hatfield" <jhatfiel@mail.orion.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24602] Re: AEA keyer
Message-ID: <Pine.A41.3.95b.970809154758.116972A-1000000@homer37.u.washington.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On the AEA MM3 you press *B6 to cause the speed knob to control the keyer speed. Press *A6 for keypad control, then press *6xx for the speed you desire (where xx is an actual number). That should get you on your way. Be patient with the keypad inputs. They don't always behave like it seems they should. Enjoy!
de AB7HI, Stephen Lee, Tacoma, WA
slee@u.washington.edu

On Sat, 9 Aug 1997, Jim R. Hatfield wrote:

>
> I have an AEA keyer that works good but I have missplaced the book on
> how to slow down the speed.I don't see a model # but it's black with a
> gray front and white touch tone buttons,has an off/on volume switch and
> small speaker,I think it's a ck-1.If anyone can please help.
> This list is the best and most polite I have seen ,It's made my ham
> experence much more enjoyable. 72 Jim KG0NA Springfield Mo.
>
>
>
>

End of QRP-L Digest 813

